UNITED STATES PATENT AND TRADEMARK OFFICE

NOTICE OF ALLOWANCE AND FEE(S) DUE

22852	7590	03/31/2008

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER
LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

EXAMINER
DENG, ANNA CHEN

ART UNIT	PAPER NUMBER
2191	

DATE MAILED: 03/31/2008

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,610	12/11/2003	Malte Wedel	09700.0057-00	1472

TITLE OF INVENTION: TRACE MANAGEMENT IN CLIENT-SERVER APPLICATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1440	$300	$0	$1740	06/30/2008

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: **Mail**   Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or **Fax**   (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

22852   7590   03/31/2008

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LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission
I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

_____ (Depositor's name)

_____ (Signature)

_____ (Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,610	12/11/2003	Malte Wedel	09700.0057-00	1472

TITLE OF INVENTION: TRACE MANAGEMENT IN CLIENT-SERVER APPLICATIONS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	$1440	$300	$0	$1740	06/30/2008

EXAMINER	ART UNIT	CLASS-SUBCLASS
DENG, ANNA CHEN	2191	717-128000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____

2 _____

3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE   (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) :   ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

☐ A check is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.   ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____   Date _____

Typed or printed name _____   Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/734,610	12/11/2003	Malte Wedel	09700.0057-00	1472

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EXAMINER
DENG, ANNA CHEN

ART UNIT	PAPER NUMBER
2191	

DATE MAILED: 03/31/2008

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 780 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 780 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

PTOL-85 (Rev. 08/07) Approved for use through 08/31/2010.

	Application No.	Applicant(s)
Notice of Allowability	10/734,610	WEDEL ET AL.
	Examiner	Art Unit	
	ANNA DENG	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *11/28/2007*.

2. ☒ The allowed claim(s) is/are *1-3,8-16 and 18-20*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

      a) ☐ All   b) ☐ Some*   c) ☐ None of the:

          1. ☐ Certified copies of the priority documents have been received.

          2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

          3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date _____

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR

1.17(e), was filed in this application after final rejection. Since this application is eligible for continued

examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the

finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's

submission filed on 11/28/2007 has been entered.

2.   The Drawing submitted on 11/29/2007 has been accepted by the examiner and placed in record.

3.   The objection to Specification is withdrawn in view of applicant's amendment.

4.   The rejection under 35 U.S.C. 101 to claim 1-14 is withdrawn in view of applicant's amendment.

5.   The rejection under 35 U.S.C. 112, second paragraph to claim 3 is withdrawn in view of

applicant's amendment.

6.   The rejection under 35 U.S.C. 102 (e) as being anticipated by Nguyen et al. (US Patent

Application Publication 2004/0064731 A1) to claims 1-2, and 4-20 is withdrawn in view of applicant's

amendment.

7.   The rejection under 35 U.S.C. 103 (a) as being unpatentable over Nguyen et al. (US Patent

Application Publication 2004/0064731 A1), in view of Allan (US Patent Application Publication

2003/0005111 A1) to claim 3 is withdrawn in view of applicant's amendment.

8.   Claims 1-3, 8-16, and 18 have been amendment (see Examiner Amendment below).

9.   Claims 4-7, and 17 have been cancelled (see Examiner Amendment below).

10.   Claims 1-3, 8-16, and 18-20 are pending.

11.   Claims 1-3, 8-16, and 18-20 are allowed.

EXAMINER'S AMENDMENT

12.   An examiner's amendment to the record appears below. Should the changes and/or additions be

unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure

consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Maura K.

Moran (Reg. No. 31,859) on 3/21/2008 to place the application in condition for allowance.

The application has been amended as follows:

In the Claims:

Claims 4-7, and 17 are cancelled.

Claims 1-3, 8-16, and 18 are amended as follows:

Per Claim 1:

Claim 1 is replaced as follow:

1.   (Currently Amended) A computer program ~~storage~~ product for generating an integrated trace

output file on a system having a first computing device and a second computing device, the

computer program ~~storage~~ product stored in a memory and being operable to cause a data

processing apparatus to:

identify a first severity level for event detection at the first computing device;

detect a first event having the first severity level;

generate a first trace output at the first computing device,

wherein the first trace output documents the first event and the first severity level,
and

wherein the first severity level indicates whether the first trace output comprises a
first error message, a first warning message, a first information message,
or a first debug message;

identify a second severity level for event detection at the second computing device;

detect a second event having the second severity level;

generate a second trace output at the second computing device.

wherein the second trace output documents the second event and the second
severity level, and

wherein the second severity level indicates whether the second trace output
comprises a second error message, a second warning message, a
second information message, or a second debug message;

transmit the first trace output to the second computing device;

and

integrate the second trace output with the first trace output to generate the integrated
trace output file having the first trace output appended to the second trace
output.

Per Claim 2:

Claim 2 is replaced as follow:

2.   (Currently Amended) The computer program ~~storage~~ product of claim 1, further comprising
instructions to:

provide an agent for detecting an event at the second computing device.

Per Claim 3:

Claim 3 is replaced as follow:

3.   (Currently Amended) The computer program ~~storage~~ product of claim 2, wherein instructions to:

provide the agent further comprise instructions to employ executable code.

Per Claim 8:

Claim 8 is replaced as follow:

8.   (Currently Amended) The computer program ~~storage~~ product of claim 1, further comprising
instructions to:

receive an active component trace output from the second computing device.

Per Claim 9:

Claim 9 is replaced as follow:

9.   (Currently Amended) The computer program ~~storage~~ product of claim 8, further comprising
        instructions to:

               combine the active component trace output with the first trace output.

Per Claim 10:

Claim 10 is replaced as follow:

10.   (Currently Amended) The computer program ~~storage~~ product of claim 1, wherein the second
        trace output includes an active component trace output generated at the second computing
        device.

Per Claim 11:

Claim 11 is replaced as follow:

11.   (Currently Amended) The computer program ~~storage~~ product of claim 1, wherein the first
        computing device is a server and the second computing device is a client.

Per Claim 12:

Claim 12 is replaced as follow:

12.   (Currently Amended) The computer program ~~storage~~ product of claim 1, further comprising
        instructions to:

               display the integrated trace output on the second computing device.

Per Claim 13:

Claim 13 is replaced as follow:

13.   (Currently Amended) The computer program ~~storage~~ product of claim 12, further comprising
        instructions to display the integrated trace output in a separate browser window.

Per Claim 14:

Claim 14 is replaced as follow:

14.   (Currently Amended) The computer program ~~storage~~ product of claim 1, wherein the instructions
to:

>   generate the integrated trace output file comprise instructions to integrate the second
>   trace output with the first trace output in a chronological order.

Per Claim 15:

Claim 15 is replaced as follow:

15.   (Currently Amended) A method comprising:

detecting [[an]] <u>a first</u> event <u>having a first severity level</u> at a client;

generating a client-side trace output in response to [[the]] event detection at the client,

>   <u>wherein the client-side trace output documents the first event and the first severity level,
>   and</u>

>   <u>wherein the first severity level indicates whether the client-side trace output comprises a
>   first error message, a first warning message, a first information message, or a
>   first debug message;</u>

<u>detecting a second event having a second severity level at a server;</u>

<u>generating a server-side trace output in response to event detection at the server,</u>

>   <u>wherein the server-side trace output documents the second event and the second
>   severity level, and</u>

>   <u>wherein the second severity level indicates whether the server-side trace output
>   comprises a second error message, a second warning message, a second
>   information message, or a second debug message;</u>

transmitting the client-side trace output to [[a]] <u>the</u> server; and

integrating the client-side trace output with [[a]] <u>the</u> server-side trace output to generate an
        integrated trace output file, having the client-side trace output appended to the server-
        side trace output.

Per Claim 16:

Claim 16 is replaced as follow:

16.   (Currently Amended) The method of claim 15, wherein the <u>first</u> event at the client device occurs while a user is interacting with an application program executing on the server.

Per Claim 18:

Claim 18 is replaced as follow:

18.   (Currently Amended) A system <u>stored in a memory</u> for generating an integrated trace output file, the system comprising:

    a client computer device comprising a client agent, including:

        a <u>client-side event</u> detection module configured to detect [[an]] <u>a first</u> event <u>having a first severity level</u> at the client computer device;

        a <u>client-side trace output</u> generation module configured to generate a client-side trace output in response to [[the]] event detection at the client computer device<u>,</u>

            <u>wherein the client-side trace output documents the first event and the first severity level, and</u>

            <u>wherein the first severity level indicates whether the client-side trace output comprises a first error message, a first warning message, a first information message, or a first debug message</u>; and

        a <u>client</u> communication module configured to transmit the client-side trace output to a server computer device; and

    the server computer device comprising a server agent, including:

        a <u>server-side event</u> detection module configured to detect [[an]] <u>a second</u> event <u>having a second severity level</u> at the server computer device;

        a <u>server-side trace output</u> generation module configured to generate a server-side trace output in response to [[the]] event detection at the server computer device,

            <u>wherein the server-side trace output documents the second event and the second severity level, and</u>

> wherein the second severity level indicates whether the server-side trace output comprises a second error message, a second warning message, a second information message, or a second debug message;

a server communication module configured to receive the client-side trace output from the client computer device; and

an integration module configured to generate an integrated trace output file by integrating the client-side trace output with the server-side trace output, the integrated trace output file[[,]] having the client-side trace output appended to the server-side trace output.

--END--

REASONS FOR ALLOWANCE

13.   The following is an examiner's statement of reasons for allowance:

The cited prior arts taken alone or in combination fail to teach, in combination with the other claimed limitations, identify a first severity level for event detection at the first computing device; detect a first event having the first severity level; generate a first trace output at the first computing device, wherein the first trace output documents the first event and the first severity level, and wherein the first severity level indicates whether the first trace output comprises a first error message, a first warning message, a first information message, or a first debug message; identify a second severity level for event detection at the second computing device; detect a second event having the second severity level; generate a second trace output at the second computing device, wherein the second trace output documents the second event and the second severity level, and wherein the second severity level indicates whether the second trace output comprises a second error message, a second warning message, a second information message, or a second debug message; transmit the first trace output to the second computing device; and integrate the second trace output with the first trace output to generate the integrated trace output file

having the first trace output appended to the second trace output as recite in the independent claims 1,

15, and 18.

The closest cited prior art, the combination of Nguyen et al. (US Patent Application Publication

2004/0064731 A1), and Allan (US Patent Application Publication 2003/0005111 A1) teaches a computer

product for generating an integrated trace output file on a system having first computing device and a

second computing device. However, the combination of Nguyen et al. (US Patent Application Publication

2004/0064731 A1), and Allan (US Patent Application Publication 2003/0005111 A1) fails to teach identify

a first severity level for event detection at the first computing device; detect a first event having the first

severity level; generate a first trace output at the first computing device, wherein the first trace output

documents the first event and the first severity level, and wherein the first severity level indicates whether

the first trace output comprises a first error message, a first warning message, a first information

message, or a first debug message; identify a second severity level for event detection at the second

computing device; detect a second event having the second severity level; generate a second trace

output at the second computing device, wherein the second trace output documents the second event

and the second severity level, and wherein the second severity level indicates whether the second trace

output comprises a second error message, a second warning message, a second information message,

or a second debug message; transmit the first trace output to the second computing device; and integrate

the second trace output with the first trace output to generate the integrated trace output file having the

first trace output appended to the second trace output as recite in the independent claims 1, 15, and 18,

also as pointed out by applicant's Remarks on page 13-14.

These claimed limitations are not present in the prior art of record and would not have been

obvious, thus all pending claims 1-3, 8-16, and 18-20 are allowed.

Any comments considered necessary by applicant must be submitted no later than the payment

of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such

submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

14.   Any inquiry concerning this communication or earlier communications from the examiner should be directed to Anna Deng whose telephone number is 571-272-5989. The examiner can normally be reached on Mondays to Fridays 9:30 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wei Zhen can be reached on 571-272-3708. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Anna Deng/

Examiner, Art Unit 2191

3/21/2008

/Wei Zhen/

Supervisory Patent Examiner, Art Unit 2191